

Abstract

A treatment apparatus of the present invention includes a hermetic door 115b and a retort 115c as an interface for taking out a gaseous emission containing vaporized substances from an object to be treated which is being heated in a reduced pressure state in a second hermetic chamber 103 while maintaining conditions in the second hermetic chamber. When the retort 115c is inserted into a first opening 103b of the second hermetic chamber, the hermetic door 115b in an open state is shielded from the second hermetic chamber 103, whereby condensation of the gaseous emission at the hermetic door is prevented. Accordingly, condensates can be taken out while conditions such as temperature and pressure in the hermetic chamber are maintained without the treatment apparatus being stopped. The productivity of treatment is greatly improved by continuous operation of such a treatment apparatus.